SBR No: 24/20-21
03/08/2020

M. A. R. 57 (Rule 116)
Measurement Book

No. E 535090

Serial No. ..1st & final Bill

Name of work ..package-8 including From 3 works of Rs: 200.00 lakhs

Name of Contractor of nature of Agency..... Sri. B. Umesh, 385/1, Bettahellagn B'lore

Date of commencement of work..... Date of Recording: 27/07/2020

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est cost Rs: 200.00 lakhs						
	Head of A/C : P-311						
	Work code No : 011-18-000 37, 011-18-000 38, 011-18-000 40,						
	Agreement No : EE/BTP/BBMP/E-PMC/17(2-52HS)/WO/1st/2021 Dt 19.05.20						
Item 1)	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of building, Culverts, Road drains and trenches of Pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m						

Reference to last Measurement
8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications,						
	Quantity vide ℄ MB P.No = 1602.00 sqm						
	℄ 174.78/sqm					=	280006.00
item 4)	Removing and Refixing stone slabs of drains and Pointing in m (1:3)						
	Quantity vide ℄ MB P.No = 624.5 sqm						
	℄ 84.58/sqm					=	52821.00

Serial No. .....
Name of work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc,
1	2
item 5)	providing grani and fixed in complete, 7.5c
	Quanti
item 8)	Earthwork, exc as average, ho left up to D.S

ents 7	Reference to last Measurement 8
, disposed ol neatly	
=	2800Db.00
ol	
=	5285?.00

M. A. R. 57 (Rule 116) No. E 535091
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions			Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6	
item 5)	providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc-- complete, 7.5cm thick.					
	Quantity vide EMB P.No = 165.9 sqm					
	@ 698.90/sqm			=		115486.00
item 8)	Earthwork, excavation by manual means in ordinary soil involving an average horizontal throw upto 6 metres. and an average lift upto 0.5m. excavated surface levelled and sides neatly					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	dressed, the disposed earth to be levelled neatly after breaking of clods completely as specification. Quantity vide C MB P.No = 98.95 cum @ 57.19/cum = 5065.00						
Item 9)	Lead for disposal of earth shall be payable at carriage rate (Lead 5 Lift 1) by mechanical means including loading and unloading. Quantity vide C MB P.No = 1707.54 cum @ 118.41/cum = 201729.00						

Serial No. .....
Name of work .....
Name of Contractor of na
Date of commencement

Date	Full descripti
1	2
Item 12)	Providing, l aggregate the materi of mixed layer with surface o desired Quan

M. A. R. 57 (Rule 116) No. E 535092
Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item 12) Providing, laying, spreading and compacting graded stone aggregate to road mix macadam specification including premixing the material with water at one in mechanical mix plant carriage of mixed material by tipper to site, laying in uniformly layer with paver in sub-base/base course on well prepared surface and compacting with vibrator roller to achive the desired density, complete as per specification.						
	Quantity Nive E MB P.No : 1755.15 cum @ 1856.37/cum						= 3258102.00
	Quantity above 125%		567.85	@ 210.14			= 119312.00

Reference to last Measurement 8

5065.00

9014.79.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
item 13)	Scarrifying bituminous course somm to 75mm thick along with premix carpet/surface dressing by road roller and/or chisel with scarifier without disturbing the base and stacking the debris cost of all labour charges HOM of machineries complete as per specification.						
	Quantity more E MB P.NO = 3268.63 sqm						
	@ 63.431 sqm					=	207329.00
	Quantity above 125% = 6401.20 sqm						
	@ 100.16/sqm					=	641174.00

Serial No. .....
Name of work .....
Name of Contractor of natu
Date of commencement of

Date	Full description,
1	2
item 16)	providing an with crush for base/bi with F.E.10 bitumen in in tipper to quantity

Contents	Reference to last Measurement
7	8
hicles along toilet outbuilding and stacking of machineries	
qm)	
= 90 7309.00	
qm)	
= 64 1144.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 535033

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
item 16)	providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base/binding course including of loading of aggregates with F.E. loaders, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver. quantity vide E MB P.No = 483.49 cum @ 6019.64 =						2910436.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 17)	Cleaning the existing black topped surface with brooms, soft brushes and finely dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, hire of machineries, complete as per specifications.						
	Quantity vide MB pg no				= 1936.04 sqm		
	@ 3.34/ sqm				=	11369.00	
item 18)	providing and laying tack coat using SS1100 grade bitumen (VG10) on prepared black topped surface at 9.5 kg per 10 sqm, heating bitumen in boiler fitted with spray						

Serial No. .....
Name of work .....
Name of Contractor of
Date of commenceme

Date	Full descri
1	
	Set [illegible] all mater Specifi
item 19)	providing of gra mix and

Contents	Reference to last Measurement
7	8
) brooms.	
ny bags	
treat	
tion) of	
sqm)	
= 41369.00	
rade bitumen	
at 2.5 kg	
treel with spray	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 535094

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Set (excluding cleaning of road surface) including cost of all materials, labour, hire of machinery complete as per specifications.						
	Quantity vide EMB P.no 22495.96 sqm						
	@ 10.02/sqm					=	22510.00
item 19	Providing and laying bituminous concrete using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled vibratory, and tandem rollers to achive the desired compaction as per complete in all respects as per specifications.						
	Quantity above @ MB P.NO = 899.84 sqm @ 9469.80 sqm =						8514424.00
item 20)	Road marking with HOT, Applied Thermoplastic compound with Reflectrising Glass Beads on Bituminous surface providing and laying of hot applied thermoplastic compound 2.5mm thickly including reflectorising glass beads at 250gms per sqm area. Thickness of 2.5 mm						

Serial No. .....
Name of work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc
1	2
	is exclusive the finished Spreads and Quan
item 21)	providing and embussion on such as

nts 7	Reference to last Measurement 8
r required wheeled e allowed r specifications.	
= 85141.24.00	
compound surface plastic sing grass ss of 2.5 mm)	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 535095

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	is exclusive of surface applied grass boards as per IRC:35 the finished surface to be level, uniform and free from streaks and holes complete as per specifications.						
	Quantity vide EMB P.No = 390.98 sqm						
	@ 567.50/sqm =						221859.00
Item (E1)	providing and applying primer coat with SS bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of Road						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	surface and praying primer at the rate of 0.00 kgs/sqm) using mechanical means complete as per specifications.						
	Quantity vide C MB P.NO = 10100.02 sqm						
	@ 30.05/sqm					=	303506.00
	Total Amount					=	18171791.00
	GST @12%					=	2180615.00
	Grand Total					=	2,03,52,406.00
	Certificate:-						
	1) The above work has been completed satisfactorily						27/07/20
	2) NO materials issued from departmentally						
							27/07/2020

Assistant Executive Engineer
Vidyaranyapura Sub Division

Serial No. .....
Name of work .....
Name of Contractor of nat
Date of commencement o

Date	Full description
1	2

ents 7	Reference to last Measurement 8
egs Beam) th columns.	
2 Slab)	✓
=	303506.00
=	18171791.00
=	1180615.00
=	2,03,59,406.00
	27/07/20
	2000

Assistant Executive Engineer
Vidyaranyapura Sub Division

M. A. R. 57 (Rule 116)
Measurement Book

No. E 535096

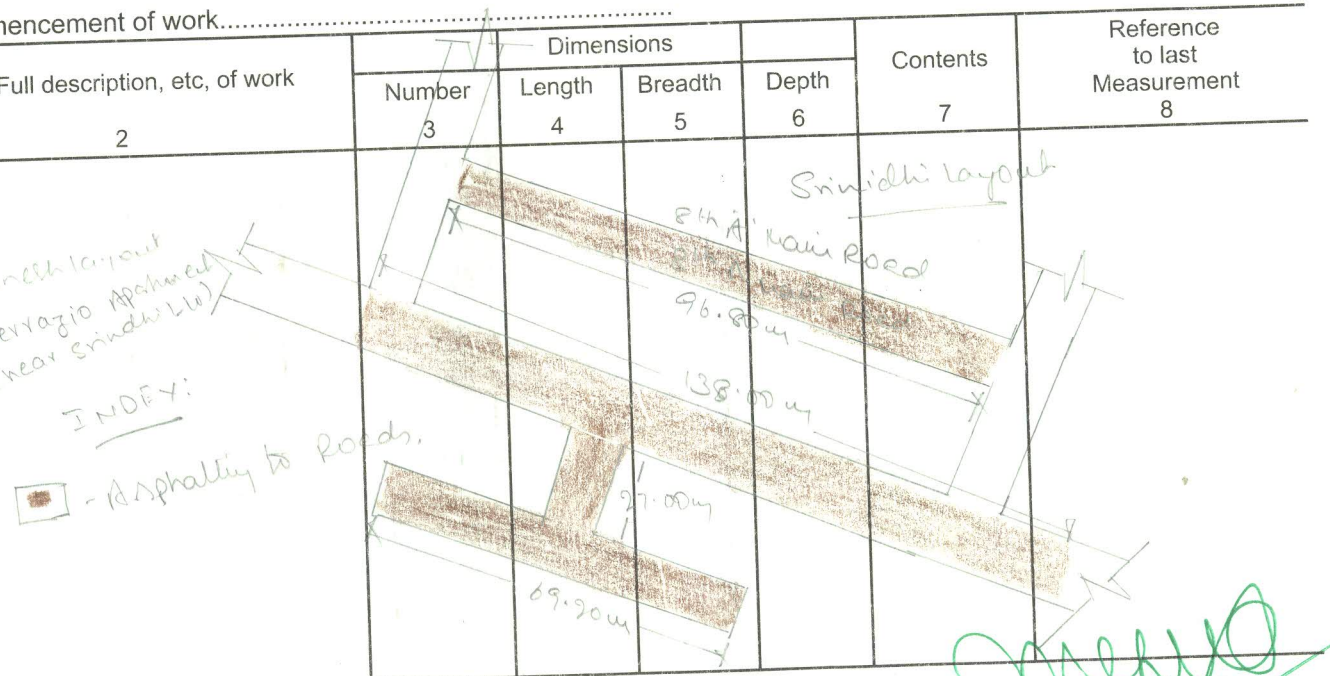
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Sanchi layout Terrazio Apartment (near Srinidhi Lay out) INDEX: - Asphalting to Roads.						



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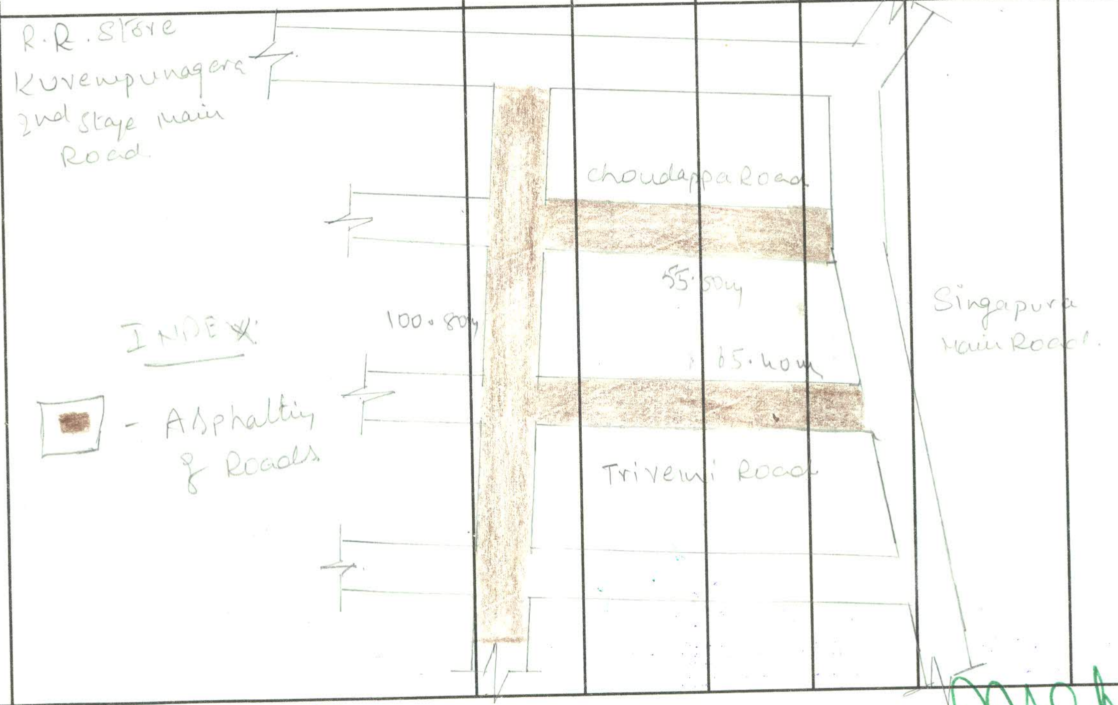
Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97.

Serial No. ....
Name of work ....
Name of Contractor of na
Date of commencement

Date	Full descripti
1	2

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ಮಾಡಿಕೊಂಡು ರೂ.
FT/NEFT/RTGS
ವಿಷಯ ನಿರ್ವಾಹಕರು
ಲೆಕ್ಕ
ಬ್ಯಾಟರಾಯ
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7	8

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Road.

Executive Engineer
nyapura Sub Division

M. A. R. 57 (Rule 116) No. E 535097
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Frost & Final = 20352000=00	
						IT = 203520=00	
						L.C 203520=00	
						CBF 20352=00	
						CGST 1817 14=00	
						SGST 1817 14=00	
						LR 165250=00	
						T.D. 774356=00	
						Net. 19577644=00	

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P-3111 ರಡಿ
ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 20352000-00 ಕಡಿಮ್ಮೆ ಮಾಡಿದೆ.
ಇದರಲ್ಲಿ ರೂ. 774356 ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ
ಮಾಡಿಕೊಂಡು ರೂ. 19577644 ಗಳನ್ನು

FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ವಿಷಯ ನಿರ್ವಾಹಕರು 10/8
ಲೆಕ್ಕಾಧೀಕ್ಷಕರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು 11/8
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು